CLAIMS

We claim:

1.   A method for pricing financial transactions, said method comprising:

5   creating a transaction instance corresponding to a financial transaction;

creating a first production service instance linked to said transaction instance by a first relation instance; and

10   creating a billing service instance linked to said first production service instance by a second relation instance.

2.   The method of Claim 1, further comprising
15   creating a second production service instance linked to said transaction instance by said first relation instance.

3.   The method of claim 1, further comprising creating a second billing service instance linked to said
20   first production service instance by said second relation instance.

4.   The method of claim 1, further comprising creating a second production service instance linked to
25   said transaction instance by a third relation instance.

5.   The method of claim 1, further comprising creating a second billing service linked to said first production service instance by a third relation instance.

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6.    The method of claim 1, further comprising creating a third relation instance linking said transaction instance to an account instance.

5        7.    The method of claim 6, wherein said account instance is linked to a client instance by a fourth relation instance.

8.    The method of claim 6, further comprising
10   creating a fourth relation instance linking said transaction instance to an entity instance.

9.    The method of claim 8, wherein said entity instance is a market segment instance.

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10.   The method of claim 1, further comprising storing said transaction instance, said production service instance and said billing service instance in at least one entity instance table.

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11.   The method of claim 10, further comprising storing said first relation instance and said second relation instance in at least one relation instance table.

25        12.   The method of claim 1, further comprising creating a settlement service instance linked to said billing service instance by a third relation instance.

13.   The method of claim 1, further comprising:
30        creating a price table instance related to said transaction instance;

wherein said price table instance contains a price for said billing service instance.

14.   The method of claim 13, wherein said price table instance is a cost table instance and said price is a cost.

15.   The method of claim 13, wherein said price table instance is a fee table instance and said price is a fee.

16.   The method of claim 15 further comprising creating a cost table instance related to said fee table instance by a mandatory relation instance.

17.   The method of claim 1, further comprising:
creating an entity instance related to said transaction instance; and
creating a price table instance related to said entity instance;
wherein said price table instance contains a price for said billing service instance.

18.   The method of claim 17, wherein said entity instance is an account instance.

19.   The method of claim 1, further comprising:
creating a first entity instance related to said transaction instance;
creating a second entity instance related to said first entity instance; and
creating a first price table instance related to said second entity instance;

370444

wherein said first price table instance contains a price for said billing service instance.

20. The method of claim 19, wherein said first entity instance is an account instance and said second entity instance is a client instance.

21. The method of claim 19, further comprising creating a second price table instance related to first entity instance.

22. A method for pricing financial transactions, said method comprising:
    creating a transaction instance corresponding to a financial transaction; and .
    creating a first plurality of production service instances linked to said transaction instance by a first relation instance.

23. The method of claim 22, further comprising creating a billing service instance linked to said first plurality of production service instances by a second relation instance.

24. The method of claim 23, further comprising creating a plurality of billing service instances linked to said first plurality of production services by a second relation instance.

25. A data processing system for pricing financial transactions, said data processing system comprising:

370444

-29-

means for creating a transaction instance corresponding to a financial transaction;

means for creating a first production service instance linked to said transaction instance by a first

5  relation instance; and

means for creating a billing service instance linked to said first production service instance by a second relation instance.

10  26.  The data processing system of Claim 25, further comprising means for creating a second production service instance linked to said transaction instance by said first relation instance.

15  27.  The data processing system of claim 25, further comprising means for creating a second billing service instance linked to said first production service instance by said second relation instance.

20  28.  The data processing system of claim 25, further comprising means for creating a second production service instance linked to said transaction instance by a third relation instance.

25  29.  The data processing system of claim 25, further comprising means for creating a second billing service linked to said first production service instance by a third relation instance.

30  30.  The data processing system of claim 25, further comprising means for creating a third relation instance linking said transaction instance to an account instance.

370444

-30-

31.   The data processing system of claim 30, wherein said account instance is linked to a client instance by a fourth relation instance.

32.   The data processing system of claim 25, further comprising means for creating a fourth relation instance linking said transaction instance to an entity instance.

33.   The data processing system of claim 25, further comprising at least one entity instance table to store said transaction instance, said production service instance and said billing service instance in.

34.   The data processing system of claim 33, further comprising at least one relation instance table to store said first relation instance and said second relation instance.

35.   The data processing system of claim 25, further comprising means for creating a settlement service instance linked to said billing service instance by a third relation instance.

36.   The data processing system of claim 25, further comprising:
      means for creating a price table instance related to said transaction instance;
      wherein said price table instance contains a price for said billing service instance.

37. The data processing system of claim 36, wherein said price table instance is a cost table instance and said price is a cost.

5      38. The data processing system of claim 36, wherein said price table instance is a fee table instance and said price is a fee.

39. The data processing system of claim 38 further
10   comprising means for creating a cost table instance related to said fee table instance by a mandatory relation instance.

40. The data processing system of claim 25, further
15   comprising:
        means for creating an entity instance related to said transaction instance; and
        means for creating a price table instance related to said entity instance;
20      wherein said price table instance contains a price for said billing service instance.

41. The data processing system of claim 25, further comprising:
25      means for creating a first entity instance related to said transaction instance;
        means for creating a second entity instance related to said first entity instance; and
        means for creating a first price table instance
30   related to said second entity instance;
        wherein said first price table instance contains a price for said billing service instance.

42.  The data processing system of claim 41, wherein said first entity instance is an account instance and said second entity instance is a client instance.

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43.  The data processing system of claim 41, further comprising means for creating a second price table instance related to first entity instance.

10      44.  A data processing system for pricing financial transactions, said data processing system comprising:

means for creating a transaction instance corresponding to a financial transaction; and

means for creating a first plurality of production

15   service instances linked to said transaction instance by a first relation instance.

44.  The data processing system of claim 44, further comprising means for creating a billing service instance

20   linked to said first plurality of production service instances by a second relation instance.

46.  The data processing system of claim 45, further comprising means for creating a plurality of billing

25   service instances linked to said first plurality of production services by a second relation instance.